

In re Application of Palevich et al.
Serial No. 09/590,970

Listing of the Claims:

1. (Currently amended) In a client computing device connected to a remote server, a method comprising:

receiving a file system read request at the client computing device;

converting the file system read request to an access request of a remote transfer protocol including requesting at least one block of data corresponding to more data than the read request;

communicating the access request to the remote server having data corresponding to the file system read request maintained thereby;

receiving data from the remote server in response to the access request;

and

reconverting the received data of the remote transfer protocol to correspond to the file system read request including not returning more data than requested.

2. (Original) The method of claim 1 wherein the file system read request is converted to an HTTP byte range request.

3. (Original) The method of claim 1 wherein the data corresponding to the read request maintained on the remote server is compressed, and wherein reconverting the received data of the remote transfer protocol to correspond to the file system read request includes decompressing the data.

4. (Canceled)

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5. (Previously Presented) The method of claim 1 further comprising, caching at least some of the received data at the client computing device.

6. (Original) The method of claim 1 wherein converting the file system read request to an access request of a remote transfer protocol includes, determining a set of at least one block in a remote file having the data therein, and converting the set of at least one block to a byte range request.

7. (Original) The method of claim 6 further comprising, detecting a sequential access pattern of requested blocks, and wherein converting the set of at least one block to a byte range request includes increasing the byte range beyond the range corresponding to the set of at least one block.

8. (Original) The method of claim 1 wherein the data corresponding to the read request is maintained on the remote server as linear data.

9. (Original) The method of claim 1 further comprising receiving a file system write request at a client device, converting the file system write request to a request of a remote transfer protocol, and communicating the request to the remote server.

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10. (Previously Presented) The method of claim 1 further comprising receiving a file system open request at the client computing device.

11. (Original) The method of claim 1 further comprising locally storing directory information maintained on the remote server.

12. (Previously Presented) The method of claim 1 wherein the client computing device is connected to the remote server via the Internet.

13-26. (Canceled)

27. (New) A computer-readable medium having computer-executable instructions which when executed perform the method of claim 1.